

Algebra Quiz
Distributive Property
Multi-step Equations

Name: _____

1. Solve: $\frac{4}{3}x = 12$

[1] _____

2. Solve the equation: $3x + 5 = 26$

[2] _____

Solve:

3. $4x + 5 = 25$

[A] 20

[B] 5

[C] 8

[D] 30

[3] _____

4. $-4n + 10 + 2n = 18$

[4] _____

Solve:

5. $4x + 15 - 2x + 15 = -4$

[A] -17

[B] -13

[C] 13

[D] 17

[5] _____

Solve the equation:

6. $5n + 2(n + 2) = 11$

[6] _____

$$7. \frac{y+3}{4} = 7$$

[7] _____

$$8. 6z+3=8z-5$$

[8] _____

$$9. 2x+5 = x+2$$

[9] _____

$$10. x-3 = -x+5$$

[10] _____

Solve the equation:

$$11. 5x+14+2x=9-(4x+2)$$

[11] _____

$$12. 3x+17-5x=12-(6x+3)$$

[12] _____